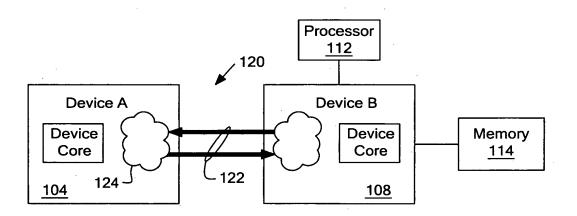Blakely, Sokoloff, Taylor & Zafman LLP   (310) 207-3800
Title: LANE TO LANE DESKEWING VIA NON-DATA SYMBOL
PROCESSING FOR A SERIAL POINT TO POINT LINK
1st Named Inventor: Lyonel Renaud
Express Mail No.: EV 339916326US   Docket No.: 42P18014
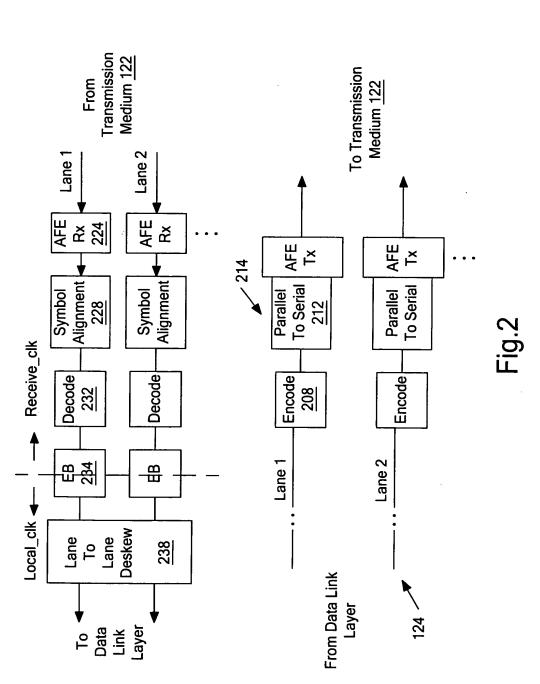Sheet: 1 of 10

Fig.1

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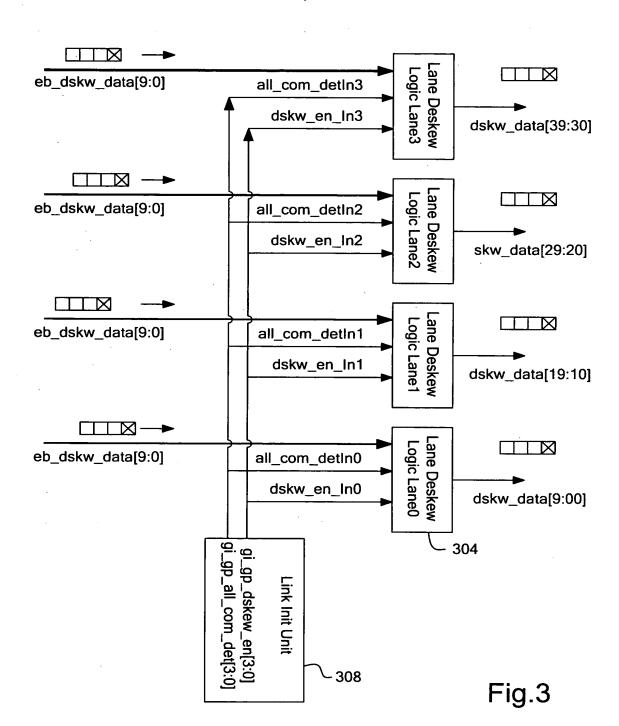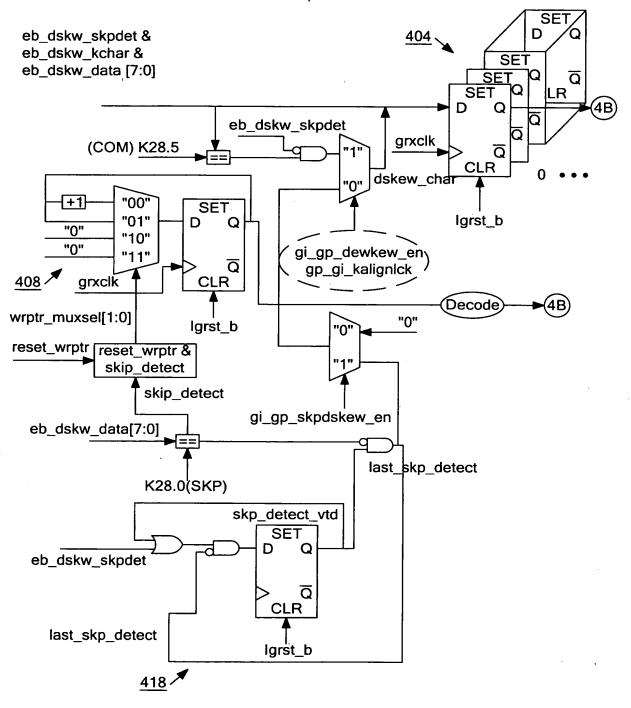42P18014
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Fig.2

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42P18014
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eb_dskw_data[9:0]

all_com_detIn3

dskw_en_In3

Lane Deskew
Logic Lane3

dskw_data[39:30]

eb_dskw_data[9:0]

all_com_detIn2

dskw_en_In2

Lane Deskew
Logic Lane2

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dskw_en_In1

Lane Deskew
Logic Lane1

dskw_data[19:10]

eb_dskw_data[9:0]

all_com_detIn0

dskw_en_In0

Lane Deskew
Logic Lane0

dskw_data[9:00]

304

gi_gp_dskew_en[3:0]
gi_gp_all_com_det[3:0]

Link Init Unit

308

Fig.3

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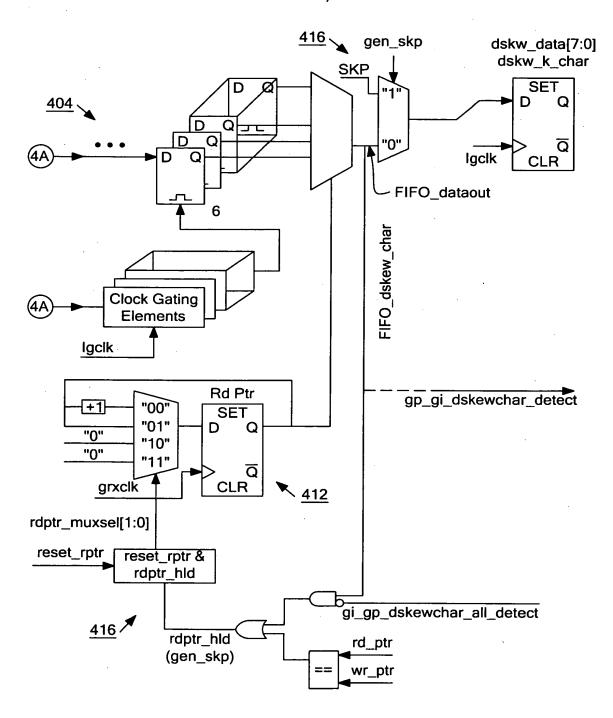Express Mail No.: EV 339916326US   Docket No.: 42P18014
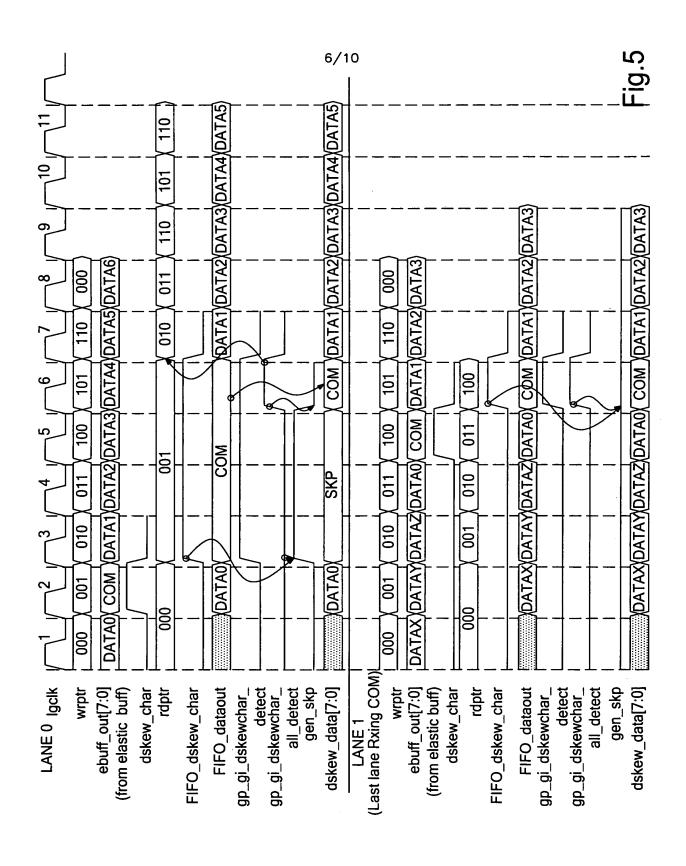Sheet: 4 of 10

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Fig.4A

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Fig.4B

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Fig.5

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Express Mail No.: EV 339916326US   Docket No.: 42P18014
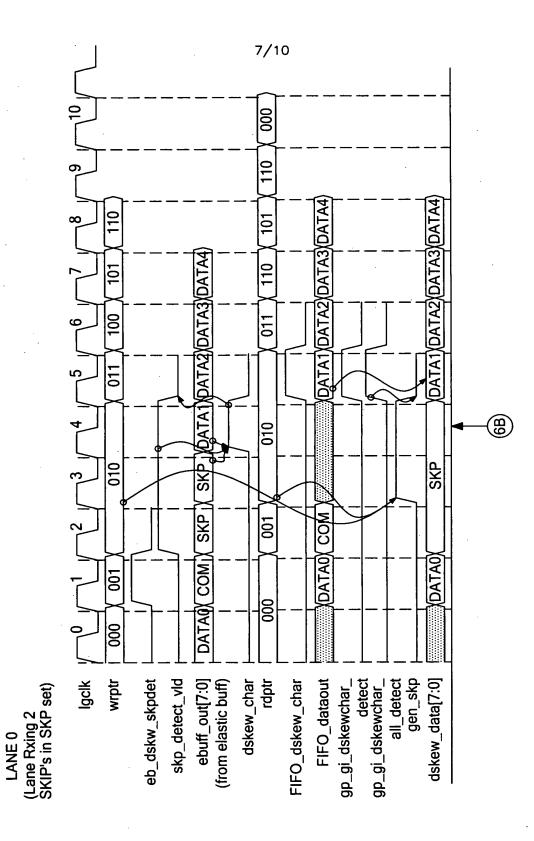Sheet: 7 of 10

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Fig.6 A

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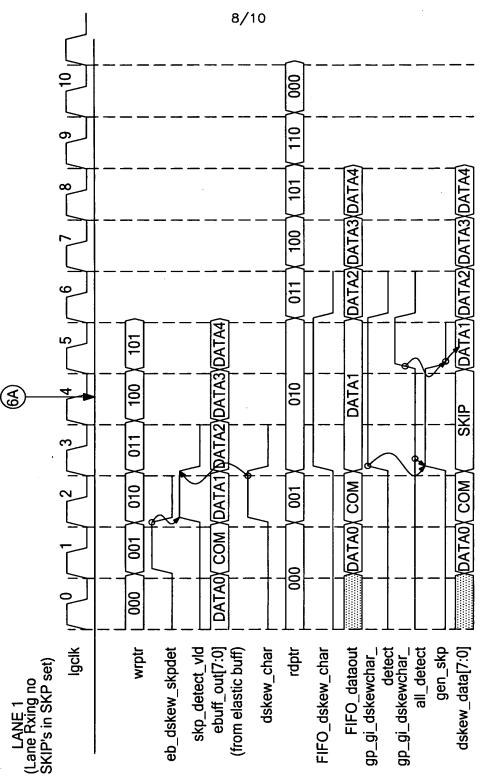
Fig.6B

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Express Mail No.: EV 339916326US   Docket No.: 42P18014
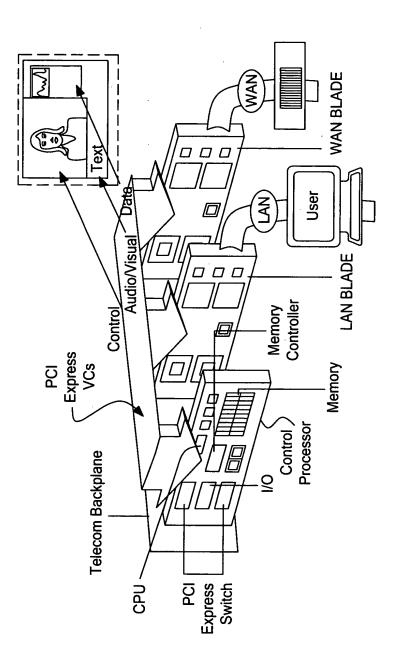Sheet: 9 of 10

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Fig.7

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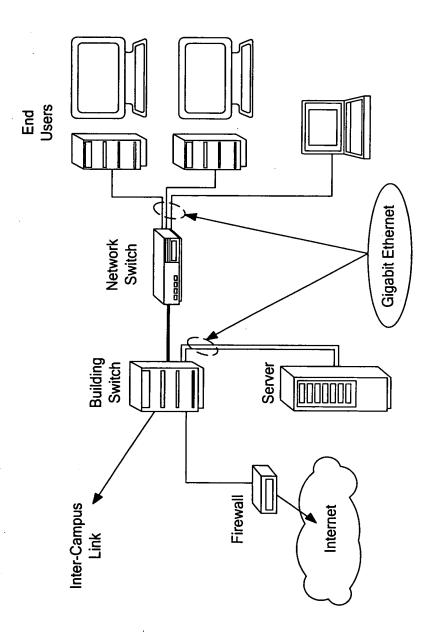Sheet: 10 of 10

End
Users

Network
Switch

Gigabit Ethernet

Building
Switch

Server

Inter-Campus
Link

Firewall

Internet

Fig.8